

CASE STUDY

SOLAR POWER PROJECT FOR

Prakash Ferrous Industries Pvt Ltd

Chittoor, Andhra Pradesh

OVERVIEW

Prakash Ferrous Industries Pvt Ltd, a leading Metals And Mining company, mandated SunAlpha Energy to develop a 2780 kWp Solar PV plant on a turnkey Supply, Installation, Testing & Commissioning basis in Chittoor, Andhra Pradesh.

The grid-connected Solar PV Plant is constructed using high-efficiency TRINA 455Wp modules and Sungrow inverters, with an annual generation capacity of up to 35,50,500 units (kWh).

Built under Andhra Pradesh state solar energy policy, the Solar PV Plant substantiates the company's commitment towards being an ecologically responsible organization.

The Solar Plant follows SunAlpha's industry-leading Environment, Health & Safety standards, engineered using state-of-art design principles and commissioned by a highly-trained in-house construction team.

The project was specially challenging given the height & slope of the roof, situated above live furnace.

PROJECT SITE



FACTS AT A GLANCE

PLANT CAPACITY

2780 kWp

PLANT LOCATION

ANDHRA PRADESH

MODULES

TRINA 455WP

INVERTERS

SUNGROW

MOUNTING

METAL SHEET

EST. ANNUAL GENERATION

3,550,500 kWh

EST. ANNUAL SAVINGS

INR 2,84,04,000